

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

First Inventor

Title

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 20]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

5. Oath or Declaration [Total Pages 3]

- a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
b. ☐ (for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement of Power of
(when there is an assignee) Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations

13. ☐ Preliminary Amendment

14. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information:

Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name

Anhui Liang

Address

012, Brook Village East Apts., 319 East Main Street

City

Marlborough

State

MA

Zip Code

01752

Country

US

Telephone

(781) 258-1043

Fax

(508) 4601220

Name (Print/Type)

Anhui Liang

Registration No. (Attorney/Agent)

Signature

A. W. Liang

Date

7/8/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)
355

Complete if Known

Application Number

Filing Date

First Named Inventor

Examiner Name

Group Art Unit

Attorney Docket No.

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

Deposit
Account
Name

☐ Charge Any Additional Fee Required
Under 37 CFR 1.18 and 1.17

☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

101 710 201 355 Utility filing fee

106 320 206 160 Design filing fee

107 490 207 245 Plant filing fee

108 710 208 355 Reissue filing fee

114 150 214 75 Provisional filing fee

Fee Paid

355

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims -20** = X = Fee Paid

Independent Claims -3** = X =

Multiple Dependent =

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 80 202 40 Independent claims in excess of 3

104 270 204 135 Multiple dependent claim, if not paid

109 80 209 40 ** Reissue independent claims

over original patent

110 18 210 9 ** Reissue claims in excess of 20

and over original patent

SUBTOTAL (2)

(\$)
0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee Code	Fee Code	Fee Code	Fee Description	Fee Paid
105	130	205	65			Surcharge - late filing fee or oath	0
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	
139	130	139	130			Non-English specification	
147	2,520	147	2,520			For filing a request for ex parte reexamination	
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	
115	110	215	55			Extension for reply within first month	
116	390	216	195			Extension for reply within second month	
117	890	217	445			Extension for reply within third month	
118	1,390	218	695			Extension for reply within fourth month	
128	1,890	228	945			Extension for reply within fifth month	
119	310	219	155			Notice of Appeal	
120	310	220	155			Filing a brief in support of an appeal	
121	270	221	135			Request for oral hearing	
138	1,510	138	1,510			Petition to institute a public use proceeding	
140	110	240	55			Petition to revive - unavoidable	
141	1,240	241	620			Petition to revive - unintentional	
142	1,240	242	620			Utility issue fee (or reissue)	
143	440	243	220			Design issue fee	
144	600	244	300			Plant issue fee	
122	130	122	130			Petitions to the Commissioner	
123	50	123	50			Processing fee under 37 CFR 1.17(q)	
126	180	126	180			Submission of Information Disclosure Stmt	
581	40	581	40			Recording each patent assignment per property (times number of properties)	
146	710	246	355			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355			For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355			Request for Continued Examination (RCE)	
169	900	169	900			Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)
0

SUBMITTED BY

Name (Print/Type)

Anhui Liang

Registration No.

(Attorney/Agent)

Complete (if applicable)

Telephone

(781) 258-1043

Signature

A. H. Liang

Date

7/8/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Year	Age	Gender	Marital Status	Religion	Education	Occupation	Income	Health	Family Size	Home Ownership	Auto Ownership	Life Insurance	Retirement	Charitable Giving	Volunteering	Political Participation	Community Involvement	Life Satisfaction	Overall Well-being
2010	25	Male	Single	Protestant	High School	Unemployed	\$15,000	Good	2	Rent	No	No	No	No	No	No	No	6.5	6.5
2010	30	Female	Married	Catholic	College	Teacher	\$30,000	Good	3	Own	No	No	No	No	No	No	No	7.5	7.5
2010	35	Male	Married	Protestant	College	Engineer	\$45,000	Good	2	Own	No	No	No	No	No	No	No	8.0	8.0
2010	40	Female	Married	Catholic	College	Manager	\$50,000	Good	3	Own	No	No	No	No	No	No	No	8.5	8.5
2010	45	Male	Married	Protestant	College	Engineer	\$60,000	Good	2	Own	No	No	No	No	No	No	No	9.0	9.0
2010	50	Female	Married	Catholic	College	Manager	\$70,000	Good	3	Own	No	No	No	No	No	No	No	9.5	9.5
2010	55	Male	Married	Protestant	College	Engineer	\$80,000	Good	2	Own	No	No	No	No	No	No	No	10.0	10.0
2010	60	Female	Married	Catholic	College	Manager	\$90,000	Good	3	Own	No	No	No	No	No	No	No	10.5	10.5
2010	65	Male	Married	Protestant	College	Engineer	\$100,000	Good	2	Own	No	No	No	No	No	No	No	11.0	11.0
2010	70	Female	Married	Catholic	College	Manager	\$110,000	Good	3	Own	No	No	No	No	No	No	No	11.5	11.5
2010	75	Male	Married	Protestant	College	Engineer	\$120,000	Good	2	Own	No	No	No	No	No	No	No	12.0	12.0
2010	80	Female	Married	Catholic	College	Manager	\$130,000	Good	3	Own	No	No	No	No	No	No	No	12.5	12.5
2010	85	Male	Married	Protestant	College	Engineer	\$140,000	Good	2	Own	No	No	No	No	No	No	No	13.0	13.0
2010	90	Female	Married	Catholic	College	Manager	\$150,000	Good	3	Own	No	No	No	No	No	No	No	13.5	13.5
2010	95	Male	Married	Protestant	College	Engineer	\$160,000	Good	2	Own	No	No	No	No	No	No	No	14.0	14.0
2010	100	Female	Married	Catholic	College	Manager	\$170,000	Good	3	Own	No	No	No	No	No	No	No	14.5	14.5
2010	105	Male	Married	Protestant	College	Engineer	\$180,000	Good	2	Own	No	No	No	No	No	No	No	15.0	15.0
2010	110	Female	Married	Catholic	College	Manager	\$190,000	Good	3	Own	No	No	No	No	No	No	No	15.5	15.5
2010	115	Male	Married	Protestant	College	Engineer	\$200,000	Good	2	Own	No	No	No	No	No	No	No	16.0	16.0
2010	120	Female	Married	Catholic	College	Manager	\$210,000	Good	3	Own	No	No	No	No	No	No	No	16.5	16.5
2010	125	Male	Married	Protestant	College	Engineer	\$220,000	Good	2	Own	No	No	No	No	No	No	No	17.0	17.0
2010	130	Female	Married	Catholic	College	Manager	\$230,000	Good	3	Own	No	No	No	No	No	No	No	17.5	17.5
2010	135	Male	Married	Protestant	College	Engineer	\$240,000	Good	2	Own	No	No	No	No	No	No	No	18.0	18.0
2010	140	Female	Married	Catholic	College	Manager	\$250,000	Good	3	Own	No	No	No	No	No	No	No	18.5	18.5
2010	145	Male	Married	Protestant	College	Engineer	\$260,000	Good	2	Own	No	No	No	No	No	No	No	19.0	19.0
2010	150	Female	Married	Catholic	College	Manager	\$270,000	Good	3	Own	No	No	No	No	No	No	No	19.5	19.5
2010	155	Male	Married	Protestant	College	Engineer	\$280,000	Good	2	Own	No	No	No	No	No	No	No	20.0	20.0
2010	160	Female	Married	Catholic	College	Manager	\$290,000	Good	3	Own	No	No	No	No	No	No	No	20.5	20.5
2010	165	Male	Married	Protestant	College	Engineer	\$300,000	Good	2	Own	No	No	No						

Dear Sir/Madam,

Thanks!

Sincerely

A. H. Liang
Anhui Liang